Usenet Newsgroup Archive: rec.ham-radio

1993

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Date span: 1993-01-28 through 1993-12-07

Source text: rec.ham-radio.txt

Source item: https://archive.org/details/usenet-rec

Messages included in this PDF: 39

Message records with no readable body available in the source text: 1

Messages are presented chronologically by archived date.

Binary or encoded payloads are not printed as blocks of encoded text; a placeholder appears where such material was detected. The original source text is unchanged.

1. VOX (voice activated switch, info request)

Newsgroup: rec.ham-radio
Date: 1993-01-28 19:30:50 UTC
From: smithsh@sumax.seattleu.edu
Message-ID: <1k9c9aINNi3b@sumax.seattleu.edu>
Source record: 3463
Cross-posted to: sci.electronics,rec.ham-radio

Does anyone have any good plans for a voice activated or volume activated switch (admittidly I am not sure if this would be amplitude or voltage).

I need to switch two channels on an intercom system, the first gives priority to a normally squelched source over that of one that is normally on. The second gives priority to voice over audio that is normally on.

Ideally I would like to control the voice activated unit such that I can set the system so it will activate (go high) only after the voice has been => a given amplitude/gain/volume (?) for a given time (.2 seconds or so). By doing this I hope to eliminate much of the noise from someone coughing into or rattling the mike. I would also like to be able to control the voice drop to shut off time.

Any references to Ham-radio, electronics, data manual, project, or other circuit sources would be greatly appreciated.

Thanks,
Scott

2. Re: VOX (voice activated switch, info request)

Newsgroup: rec.ham-radio
Date: 1993-01-29 14:59:26 UTC
From: coolidge@zko.dec.com
Message-ID: <1993Jan29.145926.9139@e2big.mko.dec.com>
Source record: 3464
Cross-posted to: sci.electronics,rec.ham-radio

--
Reference: <1k9c9aINNi3b@sumax.seattleu.edu>
>> Does anyone have any good plans for a voice activated or volume activated
>> switch (admittidly I am not sure if this would be amplitude or voltage).

Try any recent edition (from the last 10 years or so) of the "Radio Amateur's Handbook", published by the American Radio Relay League (225 Main Street, Newington, CT 06111 - 203-666-1541), which generally has exactly what you're looking for on this subject.

Several years ago, a lot of hams were trying to add VOX circuits to some of the older gear that weren't built with it. But, the circuit should be readily adaptable to your needs, and the text should help.

I suspect that there may be an amateur radio club in your vicinity, if not actually on campus, so you might be able to borrow the book and get some advice/help at the same time. If you call the ARRL, they can probably give you the names of some local amateurs out there. (If you weren't aware of it, the ARRL is our national club. In fact, some of their employees have Internet addresses, so keep an eye on this group and rec.radio.amateur.misc.)

Bayard R. Coolidge N1HO DISCLAIMER: The opinions expressed are
Digital Equipment Corp. solely those of the author, and not
Nashua, New Hampshire, USA those of Digital Equipment Corporation
coolidge@zko.dec.com nor any other entity.
"Brake for Moose - It can save your life" - N.H. Fish & Game Dept.
---

3. Re: VOX (voice activated switch, info request)

Newsgroup: rec.ham-radio
Date: 1993-01-29 15:38:20 UTC
From: cyoon@utdallas.edu
Message-ID: <C1MGrw.L9J@utdallas.edu>
Source record: 3465
Cross-posted to: sci.electronics,rec.ham-radio

In article <1k9c9aINNi3b@sumax.seattleu.edu> smithsh@sumax.seattleu.edu (Scott H. Smith) writes:
>Does anyone have any good plans for a voice activated or volume activated
>switch (admittidly I am not sure if this would be amplitude or voltage).
>
>I need to switch two channels on an intercom system, the first gives priority
>to a normally squelched source over that of one that is normally on. The
>second gives priority to voice over audio that is normally on.
>
>Ideally I would like to control the voice activated unit such that I can set
>the system so it will activate (go high) only after the voice has been => a
>given amplitude/gain/volume (?) for a given time (.2 seconds or so). By doing
>this I hope to eliminate much of the noise from someone coughing into or
>rattling the mike. I would also like to be able to control the voice drop to
>shut off time.
>
>Any references to Ham-radio, electronics, data manual, project, or other
>circuit sources would be greatly appreciated.
>
>Thanks,
>Scott
>

I'm also interested in a VOX circuit. Could someone send these to me also?
I have PostScript Capabilities, so PostScript files are good here. Thanks!

--

Chang Yoon | "Our children know EVERYTHING, we
cyoon@utdallas.edu | have cable." - Ms. Penbroke, C 'n C
---

4. Re: VOX (voice activated switch, info request)

Newsgroup: rec.ham-radio
Date: 1993-01-29 17:27:14 UTC
From: tcs@ll.mit.edu
Message-ID: <1993Jan29.172714.14331@ll.mit.edu>
Source record: 3466
Cross-posted to: sci.electronics,rec.ham-radio

First, the CURRENT news group is rec.radio.amateur.misc

Check the MC2830 Voice activated Switch from Motorola, I believe they sell for
98 cents.

Tom
--

```
-------------------------------------------------------------------------------
/-/-/-/-/ | Informal Class Sunday's @ 13:00 EST,
/-/-/-/-/ /---/---/ followed by a N&T VE Session @ 15:00,
| x | @ Navy Barracks @ Fort Devens, Ma.
/--/--/ x /---/---/ Second & Fourth Mondays of the month.
x . --x-- x @ Lura A. White School Shirley, Ma.
-x | x x E-Mail or call 617-981-3474 (Work)
x | __x x Call in: 145.41, 145.45, 448.625 Mhz.
x_______|_______||x x Ham Radio (Elmer) Night @ 19:00 EST
/ ||x\ / \ First, Third, (Fifth) Mondays.
/-----------------/||x \ /___ ___\ Thomas C. J. Sefranek WA1RHP
| [ ] [ ] ## [ ]| ||x | || | | || 112 Great Road Shirley, Ma. 01464
| ## | ||x | || | | || Home Phone: 508-425-6672
-------------------------------------------------------------------------------
```

5. Re: VOX (voice activated switch, info request)

Newsgroup: rec.ham-radio
Date: 1993-01-30 23:25:58 UTC
From: cyoon@utdallas.edu
Message-ID: <C1ox3B.5ry@utdallas.edu>
Source record: 3467
Cross-posted to: sci.electronics,rec.ham-radio

In article <1993Jan29.145926.9139@e2big.mko.dec.com> coolidge@zko.dec.com (Bayard R. Coolidge) writes:
>
>--
>Reference: <1k9c9aINNi3b@sumax.seattleu.edu>
>>> Does anyone have any good plans for a voice activated or volume activated
>>> switch (admittidly I am not sure if this would be amplitude or voltage).
>
>Try any recent edition (from the last 10 years or so) of the "Radio Amateur's
>Handbook", published by the American Radio Relay League (225 Main Street,
>Newington, CT 06111 - 203-666-1541), which generally has exactly what you're
>looking for on this subject.
>

I just looked in the "ARRL Handbook for Radio Amateurs" and the only reference it has on VOX is that it states that "A transceiver equipped with VOX..." It has nothing on design or any circuit diagrams. This is the 1993 edition of this book, BTW. (Pages 13-10 to 13-11)

>Several years ago, a lot of hams were trying to add VOX circuits to some of
>the older gear that weren't built with it. But, the circuit should be readily
>adaptable to your needs, and the text should help.
>
>I suspect that there may be an amateur radio club in your vicinity, if not
>actually on campus, so you might be able to borrow the book and get some
>advice/help at the same time. If you call the ARRL, they can probably give
>you the names of some local amateurs out there. (If you weren't aware of
>it, the ARRL is our national club. In fact, some of their employees have
>Internet addresses, so keep an eye on this group and rec.radio.amateur.misc.)
>
>---
>Bayard R. Coolidge N1HO DISCLAIMER: The opinions expressed are
>Digital Equipment Corp. solely those of the author, and not
>Nashua, New Hampshire, USA those of Digital Equipment Corporation
>coolidge@zko.dec.com nor any other entity.
>"Brake for Moose - It can save your life" - N.H. Fish & Game Dept.
>---

Yes, there are several here in the Dallas/Fort Worth area. I'll ask my class teacher (I'm currently learning) about the VOX circuit.

--

Chang Yoon | "Our children know EVERYTHING, we

cyoon@utdallas.edu | have cable." - Ms. Penbroke, C 'n C
---

6. Voice Commander CORRECTION

Newsgroup: rec.ham-radio
Date: 1993-02-17 01:42:18 UTC
From: adam@wam.umd.edu
Message-ID: <1993Feb17.014218.7877@wam.umd.edu>
Source record: 3468
Cross-posted to: rec.ham-radio,rec.radio.swap,rec.ham-radio.swap,misc.forsale,dc.forsale,misc.wanted

For those of you who flamed me and charred my tuchis, the correct name for the low-powered 2m FM transmitter I'm looking for is the VOICE DIRECTOR, not the Voice Commander. Jeez, get a name wrong and the whole world is all over you. Besides, I said (or similar name)...

--Adam
de N3NKI

7. Need schematic for Zenith TransOceanic

Newsgroup: rec.ham-radio
Date: 1993-03-29 15:53:05 UTC
From: jimv@hienergy.East.Sun.COM
Message-ID: <1p7611$78r@seven-up.East.Sun.COM>
Source record: 3469
Cross-posted to: rec.ham-radio,rec.radio.shortwave,sci.electronics

I need a schematic for a Zenith TransOceanic Royal 7000 receiver (late 60's 11 band solid state portable). Any suggestions on where I might be able to aquire one would be greatly appreciated!

--
Jim Vienneau, Sun Microsystems Inc - Chelmsford, MA
Email: jimv@east.sun.com, Amateur Radio: WB1B
Good old Ma Bell (well old anyway): (508)442-0372

8. Request: Modification instructions for Radio Shack HTX-202.

Newsgroup: rec.ham-radio
Date: 1993-04-01 17:05:00 UTC
From: UMASP@MAINE.MAINE.EDU
Message-ID: <93091.120500UMASP@MAINE.MAINE.EDU>
Source record: 3470
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.amateur.packet

I am making this post for my nephew who doesn't have access to Netnews.
He currently has a Radio Shack HTX-202, 2-meter radio and was looking to
make modifications. If anyone has any instructions for modifying the
frequency or other modification information regarding the HTX-202 it would
be greatly appreciated. Information can be sent directly to me and I will
forward to him. He has mail capability, but not much else.

Thank you,

George Newell
umasp@maine.maine.edu
umasp@maine.bitnet

9. Re: Request: Modification instructions for Radio Shack HTX-202.

Newsgroup: rec.ham-radio
Date: 1993-04-02 03:27:29 UTC
From: wa2ise@cbnewsb.cb.att.com
Message-ID: <1993Apr2.032729.5565@cbfsb.cb.att.com>
Source record: 3471
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,rec.radio.amateur.packet

There are none.

10. Celebrate Liberty! 1993

Newsgroup: rec.ham-radio
Date: 1993-04-05 20:12:35 UTC
From: Bob.Waldrop@f418.n104.z1.fidonet.org
Message-ID: <1993Apr5.201235.15980@dsd.es.com>
Source record: 3472
Cross-posted to: rec.ham-radio,rec.nude,rec.radio.amateur.misc,rec.radio.cb,rec.radio.shortwave,sci.aeronautic,sci.aeronautics,sci.astro,sci.econ,sci.med,sci.misc,sci.space,soc.bi

Announcing. . . Announcing. . . Announcing. . .Announcing. . .

CELEBRATE LIBERTY!
1993 LIBERTARIAN PARTY NATIONAL CONVENTION
AND POLITICAL EXPO

THE MARRIOTT HOTEL AND THE SALT PALACE
SALT LAKE CITY, UTAH

INCLUDES INFORMATION ON DELEGATE DEALS!
(Back by Popular Demand!)

The convention will be held at the Salt Palace Convention Center and the Marriott Hotel, Salt Lake City, Utah. The business sessions, Karl Hess Institute, and Political Expo are at the Salt Palace; breakfasts, parties, and banquet are at the Marriott Hotel.

Marriott Hotel room rates are $79.00 night, plus 10.5% tax ($87.17 total). This rate is good for one to four persons room occupancy. Double is one or two beds; 3 or 4 people is 2 beds. You can make your reservations direct with the hotel (801-531-0800), or you can purchase your room through one of MGP's payment plans. MGP will provide assistance in matching roommates if requested.

August 30, 31, Sept. 1: Everything You Always Wanted to
Know About Winning Elections, but
Didn't Know Where to Ask!

Three days of intensive campaign training conducted by Sal Guzzetta, a 25 year veteran of more than 200 campaigns. Students receive 990 pages of professional campaign manuals. Everything from strategy and targeting to opposition research, fundraising, and field operations.

Price: $150 if purchased by May 1, 1993
$175 thereafter

August 31 and Sept. 1: Platform, Bylaws, Credentials and
National committee meetings.

Shoot out in Salt Lake! PLEDGE versus Committee for a Libertarian Majority. Will the party's membership and platform definitions change? Is compromise possible? The Platform and Bylaws committees are responsible for making recommendations to the convention concerning changes in those documents. At this convention, the party will only consider deletions to the platform. The Convention Rules would have to

be amended by a 2/3 vote to change this rule.

The meetings are open to the public. There is no charge for attending.

Sept. 2-5, 1993: Celebrate Liberty! Begins
Political Expo Opens

Sept. 2, 1993: 9 AM -- Credentials Committee report to the delegates.

10:30 -- Gala Opening Ceremony and Keynote Address
by Russell Means.

1:00 -- After lunch break, convention business continues
(see "Standing Order of Business" from the "Convention
Rules of the Libertarian Party" at the end of this
document.

Karl Hess Institute of Libertarian Politics Begins, runs in
tandem with the business sessions.

Sept. 3, 1993: Dawns Early Light, Green Dragon Inn (morning and
evening), with Karl Hess Institute and convention
business in between.

Sept. 4, 1993: Dawns Early Light, Freedom Rock '93, Karl Hess
Institute, convention business.

Sept. 5, 1993: Dawns Early Light, Convention Banquet, Karl Hess
Institute, convention business, Joyful Noise.

ACTIVITY DESCRIPTIONS:

DAWNS EARLY
LIGHT Three great convention breakfasts to start your days
right, featuring science fiction author L. Neil Smith,
psychiatrist and author Dr. Thomas Szasz, and South
African Libertarian leader Frances Kendall.

GREEN DRAGON
INN "Opening night" party, named after the famous inn
where Sam Adams and his crowd plotted trouble for the
British over pints of ale and beer. Music, food, drink,
and comedy.

FREEDOM
ROCK '93 Free downtown rock concert Friday night, with drum
circle, comic Tim Slagle, Middle Eastern dancer, reggae,
and local classic rock-n-roll bands. Will be widely
publicized in the local area. Major outreach opportunity.

BANQUET Vivaldi and Mozart, fine dining, in the elegant Marriott
Grand Ballroom (black tie optional). Dancing follows.

POLITICAL
EXPO Exhibits and vendors. FREE admission. Event will be

widely publicized in local area for maximum draw.
Major Outreach opportunity.

KARL HESS INSTITUTE OF LIBERTARIAN POLITICS

Workshops, speakers, roundtable discussions in these areas:

LIBERTY: NEXT
GENERATION High school and college age Libertarians talk
about what matters to them and the 20-
something generation.

AGENDA 2000 Considers key issues of the 1990s. Environment.
Health Care. 21st Century Economics. Drug
War. Second Amendment. Social Services.
Foreign Policy. Crime & Violence. AIDS.

THE GREAT DEBATE LP Strategy and tactics. Media. Ballot Access.
Initiatives. Feminist Issues. Presidential
Campaigns. LP Elected Officials. Grassroots.
Early look at the 1996 presidential nomination.

VALUES FOR
THE 90s Community. Children. Abundance. Home
Schooling. Religion and Liberty. Race.

CAMPUS FOCUS Organizing. Academia. Blue Collar Youth.

CONVENTION PACKAGE DESCRIPTIONS AND PRICES

TOTAL EVENT: All activities, Aug. 30-Sept. 5, $400, including 3
day candidate training

Full Celebration: All convention activities, Sept. 2-5, $300

Late Riser No breakfasts, everything else Sept. 2-5, $250

Thrift No breakfasts or banquet, $150

Issues Focus Karl Hess Institute, $125

Basic Convention packet, souvenirs, two Karl Hess
Institute speakers

Free Political Expo, Access to convention hall,
Keynote Address, Joyful Noise, Freedom Rock
'93, three free outreach speakers.

PLEASE NOTE:
-- PRICES INCREASE MAY 1, 1993
-- Special student prices are available to anyone under 25 years of
age or who is enrolled in a college or university.

-- Six and seven month payment plans are available which can
include housing (if requested).

-- To add the three day candidate training to any package below (except "Total Event"), add $150 to the price.

-- All prices are in U.S. dollars.

-- Advertising is available in the convention program; exhibits and sponsorships are available for the Political Expo. Free Political Expo admission and MGP promotions will draw visitors from the surrounding community (one million people live within a 30 minute drive of the Expo).

-- If your special interest group, organization, committee, or cause would like to schedule space for a presentation, contact us.

-- MGP conducts a drawing each month and gives away FREE hotel nights. The sooner you register, the more chances you have to win.

-- Roommate match service available upon request.

OTHER EVENTS:
"Anti-Federalist Two" MGP sponsored writing contest. June submission deadline. Contact MGP for prospectus.

"The Libertarian Games" Friendly competition -- marksmanship, computer programming, chess, maybe more.

Libertarians for Gay & Lesbian Concerns Business meeting, social night, sponsored by LGLC.

??? YOUR EVENT CAN BE LISTED HERE. Contact MGP for details.

ATTENTION COLLEGE STUDENTS!

Special discounts are available for college and high school students. We will work on casual housing opportunities for the "Poverty Caucus". College Libertarians will meet at Celebrate Liberty! and discuss the future of their movement on campuses. Contact MGP for more details.

LIST OF SPEAKERS
(as of March 14, 1993):

Dean Ahmad Jim Hudler Sheldon Richman
Karen Allard Jeff Hummel Kathleen Richman
Rick Arnold Alexander Joseph Dan Rosenthal
Dr. George Ayittey Frances Kendall Dr. Mary Ruwart
Alan Boch Martin Luther King Dagny Sharon
Richard Boddie Me-Me King Jane Shaw
Gus Dizerega Henry Lamb Sandy Shaw
Larry Dodge Amy Lassen L. Neil Smith
Dr. Richard Ebeling Scott Lieberman Eric Sterling

Don Ernsberger Dr. Nancy Lord Dr. Richard Stroup
Bill Evers Russell Means Dr. Thomas Szasz
Bonnie Flickenger Vince Miller Michael Tanner
John Fund Maury Modine Sojourner Truth
Doris Gordon David Nolan Yuri Tuvim
Leon Hadar Randall O'Toole Bob Waldrop
Patrick Henry James Ostrowski Terree Wasley
Karl Hess Dirk Pearson Perry Willis
Dr. Karl Hess Jr. Bob Poole Richard Winger
Jacob Honrberger Carole Ann Rand Jarret Wollstein
Brigham Young

UPCOMING CONVENTION DEVELOPMENTS!

On May 1st, prices increase for convention packages, candidate training, and exhibits/advertising:

New prices for convention packages will be:

Total Event: $450
Full Celebration: $350
Late Riser: $275
Thrift: $175
Issues Focus: $150
Basic: $30
Free: $0

These prices good through July 2, 1993.

BACK BY POPULAR DEMAND!
ANNOUNCING THE DELEGATE DEALS!
Available May 1, 1993

I: Business Focus: All convention activities except Karl Hess Institute -- $275

II: Delegate Celebration, includes a complete set of Karl Hess Institute audio tapes instead of institute tickets -- $350

STANDING ORDER OF BUSINESS FOR
A LIBERTARIAN PARTY CONVENTION

1. Call to order

2. Credentials Committee report

3. Adoption of agenda

4. Treasurer's report

5. Bylaws and Rules Committee report (Non-nominating conventions only)

6. Platform Committee report (At non-Presidential nominating conventions only deletions may be considered.)

7. Nomination of Party candidates for President and
Vice-President (in appropriate years)

8. Election of Party Officers and at-large members
of the National Committee

9. Election of Judicial Committee

10. Resolutions

11. Other business

FOR QUESTIONS OR COMMENTS,

GRUMBLES OR GRINS,

SUGGESTIONS OR CRITICISM,

AND

TO REGISTER,

CONTACT:

MORNING GLORY PRODUCTIONS, INC.
P.O. Box 526175
Salt Lake City, UT 84152
801.582.3318
E-mail: Bob.Waldrop@f418.n104.z1.fidonet.org

Make Checks Payable to Morning Glory Productions, Inc.
--
Don't blame me; I voted Libertarian.
Disclaimer: I speak for myself, except as noted; Copyright 1993 Rich Thomson
UUCP: ...!uunet!dsd.es.com!rthomson Rich Thomson
Internet: rthomson@dsd.es.com IRC: _Rich_ PEXt Programmer

11. Re: Celebrate Liberty! 1993

Newsgroup: rec.ham-radio
Date: 1993-04-06 08:00:12 UTC
From: Bob.Waldrop@f418.n104.z1.fidonet.org
Message-ID: <1993Apr6.080012.25371@ousrvr.oulu.fi>
Source record: 3473
Cross-posted to: rec.ham-radio,rec.nude,rec.radio.amateur.misc,rec.radio.cb,rec.radio.shortwave,sci.aeronautic,sci.aeronautics,sci.astro,sci.econ,sci.med,sci.misc,sci.space,soc.bi

Bob.Waldrop send the referred to message to a lot of apparently inappropriate groups. If you consider them such, maybe he would appreciate learning that.

>Lines: 323
>
>Announcing. . . Announcing. . . Announcing. . .Announcing. . .
>
> CELEBRATE LIBERTY!
> 1993 LIBERTARIAN PARTY NATIONAL CONVENTION
> AND POLITICAL EXPO
>
--
doug foxvog
dfo@tko.vtt.fi

12. FCC 2 & 3A question pools

Newsgroup: rec.ham-radio
Date: 1993-04-09 19:50:57 UTC
From: braun@ann-arbor.applicon.slb.com
Message-ID: <1993Apr9.195057.1021@ann-arbor.applicon.slb.com>
Source record: 3474
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

Hi all-

I'm a ham'er to be. I've been studying the ARRL book "Now You're Talking with HAM radio" for the last few weeks. I'm almost done reading it all and will start reviewing and studying the questions before I take the test. I'll be taking the Technician FCC exams parts 2 and 3A.

What I would like to know is there a program on the net that will randomly generate sample tests from the official question pool? If not, I was thinking if anyone has the questions in electronic form, that I could write a short program to read in the questions and output sample tests.

If you know of such a program or where an online copy of the question pool is, please email me.

Thanks,

Matthew.
--
Matthew Braun Applicon, Inc.
braun@ann-arbor.applicon.slb.com Ann Arbor, Michigan (USA)
(313) 995-6264

13. Re: FCC 2 & 3A question pools

Newsgroup: rec.ham-radio
Date: 1993-04-14 18:41:13 UTC
From: wx4d@cbnewsm.cb.att.com
Message-ID: <1993Apr14.184113.6184@cbnewsm.cb.att.com>
Source record: 3475
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

In article <1993Apr9.195057.1021@ann-arbor.applicon.slb.com>
braun@ann-arbor.applicon.slb.com (Matthew Braun) writes:
>Hi all-
>
>I'm a ham'er to be. I've been studying the ARRL book "Now You're
>Talking with HAM radio" for the last few weeks. I'm almost done reading
>it all and will start reviewing and studying the questions before I take
>the test. I'll be taking the Technician FCC exams parts 2 and 3A.
>
>What I would like to know is there a program on the net that will
>randomly generate sample tests from the official question pool? If not,
>I was thinking if anyone has the questions in electronic form, that I
>could write a short program to read in the questions and output sample
>tests.
>
>If you know of such a program or where an online copy of the question
>pool is, please email me.
>
>Thanks,
>
>Matthew.
>--
>Matthew Braun Applicon, Inc.
>braun@ann-arbor.applicon.slb.com Ann Arbor, Michigan (USA)
> (313) 995-6264

For MS DOS, Autoexam by Rich Bono (NM1D?) is a nice piece of shareware.
It does exactly what you are looking for. I think the question pools
are also available from various places.

Download AUTOEXAM.ZIP and use pkunzip or a similar program to unpack it.
It comes with the question pools & documentation. The only thing
you will need is a copy of the ARRL "Now You're Talking" or W5YI's book
to get the figures. AUTOEXAM doesn't have any graphics. When the
question involves a diagram, the Figure number is given, so you can
look it up in N.Y.T.

The zip file also includes AUTOCW, which will run CW practice in various
modes.

Good luck... Hope you pass the test soon!

73,

Jim Morgan WX4D/3
jvm@aluxpo.att.com

PS: almost forgot: AUTOEXAM.ZIP can be downloaded from various places, one of which is wuarchive.wustl.edu (pub/hamradio directory I think). Another way to get it is via KA6ETB's mail server. Send mail to HAM-server@grafex.Cupertino.CA.US and include the line:
get /hamradio/exams/AUTOEXAM.ZIP uue

You will receive mail with AUTOEXAM.ZIP uuencoded. You can specify "xxe" instead of "uue" for encoding with xxencode instead of uuencode. You have to use some kind of encoding to send binary files through the mail.

The word INDEX on a separate line will cause the server to send you an index of all the files he has available.

Good luck & 73 de WX4D

14. Great QSL cards?

Newsgroup: rec.ham-radio
Date: 1993-04-14 19:45:51 UTC
From: jeffj@cbnewsm.cb.att.com
Message-ID: <1993Apr14.194551.8597@cbnewsm.cb.att.com>
Source record: 3476
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

I would like to design my own QSL card and I was hoping that some fellow
hams could tell me here about great QSL cards that they have received.
I got one from Yugoslavia that showed a ham in bed with a buxom woman
and him asking the other ham to QRX for a minute as he was busy. 8-)
For some reason my wife didn't like that one. 8-) Does anyone have
any good ideas for QSL cards or ones that they particularly like that
they could share with the net and myself? 73!

Jeff
--
Jeff Jones AB6MB | OPPOSE THE NORTH AMERICAN FREE TRADE AGREEMENT!
jeffj@seeker.mystic.com | Canada/USA Free Trade cost Canada 400,000 jobs.
Infolinc BBS 415-778-5929 | Want to guess how many we'll lose to Mexico?

15. Re: Nude Amateur Radio

Newsgroup: rec.ham-radio
Date: 1993-05-08 16:24:38 UTC
From: gp@cunixf.cc.columbia.edu
Message-ID: <1993May8.162438.27709@news.columbia.edu>
Source record: 3327
Cross-posted to: rec.nude,rec.ham-radio

In article <1993May7.130203.287@megatek.com> jimc@megatek.com writes:
>
>
> CQ all hams....
>
> Those of you who can operate 20m phone, let's see what's happening on
> 14.265 +/- at 7PM PDT on May 13th.
> ...
> Those of you (hams) without 20m access shall be left out to twist in
> the cold wind. (nude, of course :^)
> ...
>

Never did get my general licence. I've been waiting these past 20 years for old style techs like myself to be grandfathered in with the generals. Hmm.. maybe I should start a NYC naturist net on VHF or UHF? Nahh... it would probably be an awfully quiet net.
73,
WB2RSI

16. Looking for bandpass filters for 140-150MHz

Newsgroup: rec.ham-radio
Date: 1993-05-12 16:34:39 UTC
From: arm@helix.nih.gov
Message-ID: <1993May12.163439.19171@alw.nih.gov>
Source record: 3328
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc,sci.electronics

My goal is to reduce interference (intermodulation, etc.) from signal sources outside the radio frequency band of my receiver. My receiver works in the 140-150 MHz range. What sorts of commercial bandpass filters are available? What kind of selectivity can I expect? What kind of loss? Are the filters already set up for the 50 ohm input of my receiver/coax, or will I have to impedance match? Is impedance matching necessary?

Please avoid answers like: 1) you can use a cavity (I know that), 2) you can use an inductor and a capacitor (yea), 3) you can use a helical resonator (uh, huh). Answers like:" Toko Hi-power makes helical resonators..." might be of some use, but only a little. Rather, I am looking for specific details on parts, applications notes, and actual experience in using such a device.

For all who respond thoughtfully: thanks.

--

Andrew Mitz | NIH Animal Center | Opinions are mine alone |
Biomedical Engineer | Poolesville, MD | arm@helix.nih.gov |
---

17. FORSALE: Icom IC-735 HF Tranceiver

Newsgroup: rec.ham-radio
Date: 1993-05-16 22:07:02 UTC
From: smh1@crux2.cit.cornell.edu
Message-ID: <smh1.737590022@crux1.cit.cornell.edu>
Source record: 3329
Cross-posted to: misc.forsale,rec.ham-radio,rec.radio.swap

I have for sale or trade a just-under year old ICOM
IC-735. It has had VERY VERY little use -- I'd
safely say it was under 10 hours TOTAL usage time.
It is in new condition, not a scratch! Comes with
original boxes, manuals, everything! Just plug into a
power supply and let it rip.

It features:

* Compact Size
* All band
Every amateur band from 160
meters to 10 meters FM. Also
covers the CB band (11 meters).

* All mode
Handles Upper Side band, Lower
Side Band, AM, FM, RTTY,
AMTOR, SSTV, CW, etc.. you
name it, it handles it.

* Fully solid state
* General Coverage Receiver covers from
100kHz to 30Mhz continuously.

* 105dB Dynamic Range on RX
* ICOM's Direct Feed Mixer (DFM)
* Pass-Band Tuning
* Notch Filter
* Pre-Amp Included
* Attenuator Included
* Rotary dial digital tuning
* 4 scanning modes
* 12 frequency/range memories
* Easy to read LCD backlit display
* Dual VFO's
* 100% Duty Cycle at 100 watts!
* Advanced cooling system provided
It has a multi-speed internal fan
that automatically changes speed
according to internal temperature.
In other words, it regulates internal
temperature quietly, and efficiently
for optimal component life span.

* Advanced Remote Control System
With a computer, you can control
just about every aspect of the rig
with the included CI-V interface.

* Rated at 100 watts on all modes, however
easily can achieve 125 watts.

I a selling it because I am going to be in a college
dorm next year. As we all know, HF gear is taboo. I
purchased it mid last year for $950.00. Since it is in
excellent condition, and has seen very little use, I
would like to sell it for $725.00 or best offer. I'll pay
shipping to anywhere in the US.

See the next posts for some other ham gear that I
have for sale. I will be willing to give a discount to
some one who wants multiple items.

Thanks,
Seenu
(smh1@crux1.cit.cornell.edu)

18. Re: FORSALE: Icom IC-735 HF Tranceiver

Newsgroup: rec.ham-radio
Date: 1993-05-18 03:10:00 UTC
From: aicklen@utdallas.edu
Message-ID: <C77Csp.JwF@utdallas.edu>
Source record: 3330
Cross-posted to: misc.forsale,rec.ham-radio,rec.radio.swap

In article <smh1.737590022@crux1.cit.cornell.edu> smh1@crux2.cit.cornell.edu (Who me?) writes:
>I have for sale or trade a just-under year old ICOM
>
... deletions ...
>
>I a selling it because I am going to be in a college
>dorm next year. As we all know, HF gear is taboo. I

... deletions ...
>
>Thanks,
>Seenu
>(smh1@crux1.cit.cornell.edu)

Why is HF gear taboo? One of my classmates worked 10m HF from his 6th floor room with no hitches (late seventies, Tulane Univ). Are administrators causing a ruckus these days?

Greg (KA5OFW)
aicklen@utdallas.edu

19. Re: FORSALE: Icom IC-735 HF Tranceiver

Newsgroup: rec.ham-radio
Date: 1993-05-18 11:53:03 UTC
From: smh1@crux2.cit.cornell.edu
Message-ID: <smh1.737725983@crux1.cit.cornell.edu>
Source record: 3331
Cross-posted to: misc.forsale,rec.ham-radio,rec.radio.swap

At cornell they are afraid that the RF will interfere with their computers, tv's, etc.. I think that I could get away with an HT, and thta is about it.

Thanks,
Seenu

aicklen@utdallas.edu (Greg Aicklen) writes:

>In article <smh1.737590022@crux1.cit.cornell.edu> smh1@crux2.cit.cornell.edu (Who me?) writes:
>>I have for sale or trade a just-under year old ICOM
>>
> ... deletions ...
>>
>>I a selling it because I am going to be in a college
>>dorm next year. As we all know, HF gear is taboo. I

> ... deletions ...
>>
>>Thanks,
>>Seenu
>>(smh1@crux1.cit.cornell.edu)

>Why is HF gear taboo? One of my classmates worked 10m HF from his 6th floor
>room with no hitches (late seventies, Tulane Univ). Are administrators
>causing a ruckus these days?

>Greg (KA5OFW)
>aicklen@utdallas.edu

20. Is Mir still on the air

Newsgroup: rec.ham-radio
Date: 1993-06-03 16:08:13 UTC
From: george@agora.rain.com
Message-ID: <C81zHt.sr@agora.rain.com>
Source record: 3332
Cross-posted to: rec.radio.amateur.packet,rec.ham-radio,rec.ham-radio.packet

For about the last two weeks I've been listening for Mir without sucess.

Does anyone know the status of the amateur radio abord the space station?

--
George Rachor Jr. Aloha, OR

21. internet->packet email gateway?

Newsgroup: rec.ham-radio
Date: 1993-06-10 02:46:01 UTC
From: jpk@Ingres.COM
Message-ID: <1993Jun10.024601.10114@pony.Ingres.COM>
Source record: 3333
Cross-posted to: rec.ham-radio,rec.ham-radio.packet,rec.radio.amateur.packet

Is there a gateway that forwards email between the Internet and
packet radio? If so, what's the mail address syntax? Thanks.

-- Jon

--
Jon Krueger jpk@ingres.com

22. Re: internet->packet email gateway?

Newsgroup: rec.ham-radio
Date: 1993-06-10 13:53:00 UTC
From: n6wbl@netcom.com
Message-ID: <n6wblC8ErwC.5Eo@netcom.com>
Source record: 3334
Cross-posted to: rec.ham-radio,rec.ham-radio.packet,rec.radio.amateur.packet

Jon Krueger (jpk@Ingres.COM) wrote:
: Is there a gateway that forwards email between the Internet and
: packet radio? If so, what's the mail address syntax? Thanks.

Here's one I saw earlier:

How to Use the WB7TPY
Packet <-> Internet Gateway

First, some brief operational notes:

(1) Messages must not contain any foul language, or commercial purpose.
(2) Messages can only be sent to countries that the United States has
a third-party agreement. All others will be destroyed.
(3) Messages from the internet should be less then 5K in length.
No files should be sent.
(4) If you have questions, please do not hesitate to contact me either on
packet radio: WB7TPY@WB7TPY.AZ.USA.NA -or-
Internet : david@stat.com -or-
Fidonet : David Dodell @ 1:114/15

(5) Have fun. Use the gateway as much as you like. That is what it is
there for.

From Internet to Packet

Send mail to the internet address of:

gate@wb7tpy.ampr.org

The first line of text must contain a full packet address, preceded with the
word "Packet:"

For example, mail to my packet address, would have the first line of text;

Packet: wb7tpy@wb7tpy.az.usa.na

From Packet to Internet

Send as private mail (never a bulletin) to the packet address of:

gate@wb7tpy.az.usa.na

The first line of text must contain a full domained internet address,
proceeded with the word "Internet:"

For example, mail to my internet address, would have the first line of text;

Internet: david@stat.com

73's De Jason Turning N6WBL
Internet : jturning@netcom.com
AX.25 Packet: N6WBL@KD6XZ.#NOCAL.CA.USA.NA
AmprNet : n6wbl%n6wbl@sosac (44.2.0.64)

23. Re: internet->packet email gateway?

Newsgroup: rec.ham-radio
Date: 1993-06-11 03:04:52 UTC
From: topolski@netcom.com
Message-ID: <topolskiC8FsK4.CpG@netcom.com>
Source record: 3335
Cross-posted to: rec.ham-radio,rec.ham-radio.packet,rec.radio.amateur.packet

Jon Krueger (jpk@Ingres.COM) wrote:
: Is there a gateway that forwards email between the Internet and
: packet radio? If so, what's the mail address syntax? Thanks.

I use the n0ary gate and BBS. Not only can you send email but you can
also participate in bulletins or any other BBS function. It is really
cool. Here is the whole file ... the author's address is at the end.

----------------(cut here)---------------

There is an error in the "73" magazine article. If you are an internet
only user the action of registering you automatically enables email
forwarding. You do not need to perform the "Enabling" step.

N0ARY/BBS Internet Gateway Operating Instructions
August 7, 1992

LOCAL USERS:

Local users are those that log into the bbs via the bbs's telephone modem
port (408-749-1950) or via one of the 3 tnc ports (144.93, 223.62, 433.37).
Each local user has a bbs account that is used to customize how the bbs
interacts with the user.

Local users can set their account up so that all incoming mail addressed
to their call will be forwarded via a gateway to internet and on to
other networks (mcimail, compuserve, etc). All the user needs to do is
enter his email address and turn the feature on.

EMAIL bob@hal.com
EMAIL ON

When the EMAIL feature is turned on the packet message will be deleted
at the time of forwarding through the gateway. So care should be taken
that the paths are correct prior to turning the feature on, for instance
enable it, send a test message, and disable it. After a successful
transfer re-enable the feature. To disable the auto forwarding feature
simply type:

EMAIL OFF

Messages can be sent by packet users to the internet users via the gateway.
This applies to users at N0ARY as well as users at other bbs's. Begin by
sending a message to IPGATE@N0ARY with the first line of the message being
the letters "To:" followed by the internet address of the recipient.

```
N6ZFJ de N0ARY >
sp ipgate@n0ary
Enter your subject:
Meeting?
Enter your message body:
To: bob@hal.com
Are you planning to attend the club meeting on Thursday? Give me
a call. 73, Connie
^Z
```

NOTE: That the recipient cannot respond to the message unless they are a ham and registered with the gateway. He/she becomes registered by sending a message from his internet host to gateway-request@arasmith.com.

REMOTE USERS:

Remote users are those that do not log into N0ARY directly but merely appear from the packet world to use it as home. If a packet user checks the "White Pages" for a remote user the entry comes back as @N0ARY. The packet user then address his message to YOURCALL@N0ARY and the bbs will do the translation and forwarding to internet.

It is not necessary for a person to know your actual internet address nor use the SP IPGATE method described above. From the packet network it appears that you are just another user at N0ARY.

WHITE PAGES:

The "White Pages" is a distributed database of all the bbs users. Most bbs users in the US are represented in the database as well as many from other countries. When a user chooses a home bbs, that bbs generates an update that is sent to the regional servers and then distributed to all the other bbs's. An entry consists of; call, home bbs, first name, zip, city and state. When a user wishes to send another packet user a message he/she consults the white pages (WP) for the home bbs.

REGISTERING:

Before a user, both local and remote, can send a message from internet into the bbs system he/she must register with the gateway. This is done by sending a message from the host that he/she intends to use to gateway-request@arasmith.com with the following information:

CALL:
FIRST NAME:
CITY & ST:
ZIP:

When a request is received the "From" field is copied directly into a file with the requesters call. Whenever the gateway receives a message bound for packet it scans this file comparing on the "From" field. When a match is found the gateway uses the associated call from then on. If there is no match the mailer bounces the message with a one-liner

indicating the the user must register.

If you currently use another bbs as home this needs to be stated in the request. Otherwise you will be assigned N0ARY as your home. If you choose not to use N0ARY as your home you must make sure people know to send your message to YOURCALL@N0ARY to pass through the gate. Your WP entry will be wrong.

EXECUTING BBS COMMANDS REMOTELY:

Many of the commands available to local users is also available to remote users by sending a message to the bbs. Here is a subset of the commands currently available.

LIST listing messages
LOOKUP look up calls in the on-line callbook
WHO call dump a users account information
READ read messages and files
USERS n display the last n users to connect to the bbs
INFO display manual pages of various topics
CD change directories in the file system
LS/DIR display the contents of a directory
WP call look a user up in the "White Pages"
HELP get help on how to use a command

Not all commands available to local users can be accessed via the gate. All interactive commands are disabled as well as commands that modify the users account.

The command parser for the bbs is very powerful and the user can form very complex requests. For instance the following command is valid on the bbs:

LIST LAST 20 BULLETINS FROM N0ARY
LIST ALL BULLETINS ABOUT KENWOOD

The ABOUT keyword is used to search the subjects of messages for a given pattern, in this case KENWOOD. It can appear anywhere in the subject line.

This is an example of how complex all the commands can become. They can also be abbreviated down to the level understood my most other bbs programs. Any of the following will give the same results.

L< N6ZFJ
LIST FROM N6ZFJ
LIS < N6ZFJ
L FR N6ZFJ

In most cases a minimum number of unique characters is needed to distinguish a command.

You can get a list of commands and a translation chart from W0RLI to N0ARY by typing the following commands.

INFO COMMANDS
INFO W0RLI

Other commands that you may wish to execute are:

INFO MANUAL
HELP HELP
HELP LIST

Now that you know what some of the commands are this is how you go
about executing them. You send a message to cmd@bbs.arasmith.com
with your commands entered one per line or separated by semicolons.
For example if you want to know if three of your buddies are in
the white pages and if the bbs has any messages about the ICOM W2A.

Send to:
cmd@bbs.arasmith.com

Subject: you can put anything here
wp n0ary n6zfj n6une
list all about w2a
.

The bbs will execute the commands and respond to you via return mail.

SENDING MAIL TO PACKET:

Once registered the user is free to begin using the gateway to send
messages from his host through the gateway into the packet world.
How much you have to specify of a users address depends on how much
the bbs already knows about the user.

If the bbs knows the home bbs of the user and his home bbs is know to
the the N0ARY bbs, which most of them are, you simply need to supply
the call.

n6zjf@bbs.arasmith.com

If the N0ARY bbs doesn't know of the user but does know where his
home bbs is then you need to supply just the home bbs call in
addition to the users.

n6zjf%n6qmy@bbs.arasmith.com

Notice that the call and home bbs are separated by a percent sign '%'
rather then the '@' which is used in the packet domain. This is because
the '@' has a meaning in the internet address.

If the bbs has no knowledge of either the user or his home bbs then
you probably have the wrong home bbs or it is a new bbs. In which
case you will have to supply the full address so the bbs will know
how to route the message.

n6zfj%n6qmy.#nocal.ca.usa.na@bbs.arasmith.com

This level of addressing is hardly ever needed and normally means that
the home bbs is in error.

Bulletins can be sent in a similar fashion. The address is made up
of a keyword, which can be any six character word and a distribution.
Distributions are local to an area. For instance SBAY is valid in
northern CA, it probably has no meaning at all in Topeka, KS.

Valid distributions are:
ALLUS please avoid this one
ALLUSW all western US
ALLCA all California, any 2 letter state should work

So if you trying to find a cw filter for a Kenwood TS440.

Send to:
want%allca@bbs.arasmith.com

Subject: Kenwood TS440, CW filter
If you have one of these you are willing to part with please
give me a call or leave message, thanks.
73, N6ZFJ@N0ARY.#NOCAL.CA.USA.NA
.

Be descriptive, brief, and always include your full return address in
the message. Also please try to limit your distributions to small
regions. Using the ALLUS distribution really slows down the flow of
messages.

INFO ON THE N0ARY BBS:

The bbs came into being in July of 1990 and as of July of 1992 had
over 600 users, 500 registered as home. The bbs has 3 rf ports, 2
phone ports, the internet port, and a voice synthesizer port. The
latter allows users to check for messages via DTMF from their handhelds.

The bbs itself runs on a Sun workstation under Unix. The code was
written by Bob Arasmith to focus on the user. Great care was taken
to make the bbs very forgiving to the novice user but very flexible
and powerful for the old-timer. The bbs can be configured to interact
with each user differently. Some examples are:

* List messages in either descending or ascending order.

* Specify a list of keywords that the user wishes not to see displayed
when a list is performed, similar to a kill file.

* .signature and .vacation files.

* Specify how many lines the users terminal is capable of displaying
before scrolling, the bbs will feed info this many lines and pause
allowing the user to catch up and continue or abort the operation.
Similar to more.

* Users can put commonly executed commands in keystroke macros that are accessible via a single keystroke.

A manual is currently available describing the commands and their permutations. This manual will be available in late 1992 as a postscript file. Run the command INFO MANUAL to learn how to get one via the post office. It is not available in an ascii format.

If you have any questions about the internet gateway or the bbs in general please drop me a message.

73, bob
n0ary@n0ary.#nocal.ca.usa.na
bob@arasmith.com

--

==
Robert M || Internet: topolski@netcom.com
Topolski || Packet: kj6yt@n0ary.#nocal.ca
==

24. Questions on EM fields measurement/shielding

Newsgroup: rec.ham-radio
Date: 1993-06-22 17:09:42 UTC
From: acooney@netcom.com
Message-ID: <acooneyC91906.Eu6@netcom.com>
Source record: 3336
Cross-posted to: rec.ham-radio,sci.electronics,sci.energy,sci.engr

I've a friend who is trying to learn about EM fields
measurement and shielding. If you have any recommendations
of texts on the subject, or have experience in this area
and could answer a few of his questions, you could really
help out a newbie to the field (no pun intended :). He's
interested in the 'whole enchalada', ranging from ELF to
microwave. He's bright and eager, so *please* drop him a
line! He doesn't yet have internet access, so please
e-mail him at:
71051.3051@compuserve.com
or follow up this post and I'll pass it along to him.
Thanks for your time and help!

Alan
acooney@netcom.com

BTW, his name is Rick. Thanks again!

25. New to HAM, need handi talki advice?

Newsgroup: rec.ham-radio
Date: 1993-08-12 11:52:36 UTC
From: mercer@ncs.dnd.ca
Message-ID: <1993Aug12.115236.28818@netfs.dnd.ca>
Source record: 3337
Cross-posted to:
rec.radio.amateur.equipment,rec.radio.amateur.digital.misc,rec.radio.amateur.packet,rec.ham-radio,rec.ham-radio.packet

Hi all;

Just got my basic certification yesterday and am now in the
market for a handi talki with the goal (once cash flow improves) of
getting into packet.

Shopping around Ottawa, I have narrowed my selection down
to two units:

1) ICOM IC-P2AT 2m band @ $375 canadian; and
2) ICOM IC-24AT 2m and 440 @ $460.

I am really new to all this and would like some advice on how I
should proceed. Is the addition of 440 worth 85 canadian (aprox 43
cents US ;>). Any general comments about these radios?

Please remember that the untimate goal is to set up a packet
station and also to have some fun with Satelites.

73 de VE3XMJ (Dave Mercer)

PS. If there are any packeteers out there from the Ottawa area, I would
love to hear from you.

26. >> LOOKING FOR DIGITAL RECEIVER <<

Newsgroup: rec.ham-radio
Date: 1993-08-22 15:32:15 UTC
From: kenw@teal.csn.org
Message-ID: <CC635r.Apz@csn.org>
Source record: 3338
Cross-posted to: rec.video.satellite,rec.ham-radio,rec.radio.amateur.misc

[No readable article body recovered]

27. *** Special Event Station *** Sept 17-19

Newsgroup: rec.ham-radio
Date: 1993-09-16 12:23:59 UTC
From: "Robert L. Metcalf NV1A" <RLM@MAINE.MAINE.EDU>
Message-ID: <93259.082359RLM@MAINE.MAINE.EDU>
Source record: 3339
Cross-posted to: rec.radio.amateur.misc,rec.ham-radio,maine.ham-radio

* * * Special Event Station * * *

The University of Maine ARC will operate W1YA 1300Z-2100Z September 17-19
to honor Harold H. Beverage. Operation will be in the lower portion of
the General subbands and the Novice 10-meter phone subband. For
certificate, send QSL card and a 9x12 inch S.A.S.E. to:

UMARC
C/O Bryan Newman
5708 Barrows Hall, room 7
University of Maine
Orono, ME 04469-5708

28. "Millenium" & NiCad battery charging questions

Newsgroup: rec.ham-radio
Date: 1993-09-20 18:12:17 UTC
From: craig@bunsen.rosemount.com
Message-ID: <1993Sep20.181217.7222@rosevax.rosemount.com>
Source record: 3340
Cross-posted to: sci.chem,rec.ham-radio,misc.consumers

I have a question about recharging "Millenium" NiCad batteries.
Sorry for the cross posting but I think it is necessary to
get a definitive answer.

Facts:
I have used AA NiCads for over a year, recharging them overnight
in a Radio Shack "7 hour charger". I previously used a charger
which claimed to take 14 hours. I believe they are 650 mah.
I have used them extensively with no problem.

I just bought a new charger, a Radio Shack "2 hour charger" that
operates with an internal timer.

I just went to the store to buy NiCads in conjunction with
a Walkman, a present. The only brand was "Millenium"
made by Gaines Energy Products, Florida.

They advertise 33% more capacity. I guess they cram more
into the casing.

They (Millenium) advertise 1 hour charge time on the battery package.
The Millenium charger claims to charge the Millenium batteries
in 1 hour, but claims to take 6 hours for other brands.

What is going on here?
Why do some chargers charge quicker than others?
If just more current, why aren't they all fast?
Is there any harm (wear and tear) using the faster chargers?
Are the Millenium batteries any different than the others?
Do they in fact charge faster?

What is the harm in leaving batteries in the charger longer than
required? I plan on charging these the same as the others.

Any answers appreciated.

--
Craig F. Taylor
craig@rosemount.com
Work (612) 895-2254
Home (612) 454-4994

29. ...Need help with Motorola Handie Talkie...

Newsgroup: rec.ham-radio
Date: 1993-10-12 23:26:43 UTC
From: maddog@beech-nut.ai.mit.edu
Message-ID: <29fefjINNbjr@life.ai.mit.edu>
Source record: 3341
Cross-posted to: rec.radio.cb,rec.ham-radio

Howdy...

I've got a Motorola STX Handie Talkie FM radio (w/ keypad).

Could someone tell me what it does?
(and maybe even where I could get a manual for it?)

Thanks,
Matt Marjanovic
maddog@ai.mit.edu
(The Cog Shop... cog sales and service while U wait)

30. Re: ...Need help with Motorola Handie Talkie...

Newsgroup: rec.ham-radio
Date: 1993-10-13 07:48:13 UTC
From: robert@amanda.jpunix.com
Message-ID: <37LcBc1w165w@amanda.jpunix.com>
Source record: 3342
Cross-posted to: rec.radio.cb,rec.ham-radio

maddog@beech-nut.ai.mit.edu (Matthew Marjanovic (really!)) writes:

>
> Howdy...
>
> I've got a Motorola STX Handie Talkie FM radio (w/ keypad).
>
> Could someone tell me what it does?
> (and maybe even where I could get a manual for it?)

The Motorola "STX" Handie Talkie is a 3 watt, conventional and trunked
800 mHz transceiver. They were real current a couple of years ago, and my
guess (if it works) it's still worth about $500.

Manuals can be had through Motorola (naturally).

--Robert

31. Are there/Will there be any VK0 soon?

Newsgroup: rec.ham-radio
Date: 1993-10-16 11:10:53 UTC
From: s_travis@bruny.cc.utas.edu.au
Message-ID: <29okrt$nll@diemen.utas.edu.au>
Source record: 3343
Cross-posted to: aus.radio,rec.ham-radio,rec.radio.amateur.misc

I believe the subject says it all. Does anyone have information on current
acitivity from Antarctica or the VK0 islands? Much appreciated. Cheers and 73!

--
Scott Travis VK7ST / KB5GEO _--_|\ "This is my security chief,
University of Tasmania / \ Lieutenant Worf."
VK7ST@VK7GL.TAS.AUS.OC _.--._/ "I don't suppose security is
s_travis@postoffice.utas.edu.au v much of a problem for you."

32. YAESU delers in Santa Barbara area.

Newsgroup: rec.ham-radio
Date: 1993-11-09 01:10:47 UTC
From: usvein@mcl.ucsb.edu
Message-ID: <2bmqmo$5ep@hub.ucsb.edu>
Source record: 3344
Cross-posted to: rec.ham-radio,rec.radio.amateur.equipment

iI am looking for Yaesu dealers in Santa Barbara (or LA) area. I am interested in handheld tranceivers. Where is the nearest or cheapest ones ?

Write to Svein Vetti (Norwegian) e-mail : usvein@mcl.mcl.ucsb.edu

33. HAM ftp mod sites?

Newsgroup: rec.ham-radio
Date: 1993-11-16 17:48:24 UTC
From: drx@chinet.chinet.com
Message-ID: <CGLIso.5F@chinet.chinet.com>
Source record: 3345
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

Does anyone know of any ham ftp sites. I'm looking for mod files to be
exact.
thanks,
scott
,
--
Scott Whittle (drx) drx@chinet.chi.il.us

34. Re: HAM ftp mod sites?

Newsgroup: rec.ham-radio
Date: 1993-11-17 02:49:22 UTC
From: bruno@Atlas.EETECH.McGill.CA
Message-ID: <1993Nov17.024922.24769@sifon.cc.mcgill.ca>
Source record: 3346
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

Scott Whittle <drx@chinet.chinet.com> wrote:
>Does anyone know of any ham ftp sites. I'm looking for mod files to be
>exact.

Sure do.

Your best bet will probably be ftp.cs.buffalo.edu:/pub/ham-radio/mods

For those still thinking about using ham.eetech.mcgill.ca, don't.
This site is closing PERMANENTLY on 19 November, 1993. All the mods
which are available at the latter site have been moved to the former.

73

Bruno
--
/\/\/\

35. Re: HAM ftp mod sites?

Newsgroup: rec.ham-radio
Date: 1993-11-17 11:58:44 UTC
From: sww@csuohio.edu
Message-ID: <1993Nov17.115844.21359@news.csuohio.edu>
Source record: 3347
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

Is there a site that has an archive of all the mods? Although buffalo
has the individual mods, I would like to update my older set of files.

73,
Steve, NO8M

36. Re: HAM ftp mod sites?

Newsgroup: rec.ham-radio
Date: 1993-11-18 01:42:41 UTC
From: bruno@Atlas.EETECH.McGill.CA
Message-ID: <1993Nov18.014241.14465@sifon.cc.mcgill.ca>
Source record: 3348
Cross-posted to: rec.ham-radio,rec.radio.amateur.misc

Steve Wolf <sww@csuohio.edu> wrote:
>Is there a site that has an archive of all the mods? Although buffalo
>has the individual mods, I would like to update my older set of files.

Buffalo's set comprises, of probably 95% of what's out there in terms
of ftp sites and automated mailers. I am the person one who
collected, and weeded out this collection in particular. There are
over 250 at the present time.

I'm moving in the very near future, but once I've settled down again,
WIBNI we could come to some sort of agreement on having THE mod site
somewhere, so people don't have to go all over creation to find what
they need.

Bruno
--
/\/\/\

37. Mr. Microphone Adjustments

Newsgroup: rec.ham-radio
Date: 1993-11-18 21:20:05 UTC
From: cmgrawbu@eos.ncsu.edu
Message-ID: <1993Nov18.212005.12872@ncsu.edu>
Source record: 3349
Cross-posted to: rec.ham-radio,rec.radio.amateur.equipment

Hello. I'm not suer if this is the right group to post in but it's worth
a try.

I just bought a Mr. Microphone and I was wondering if there is anyone out there
who has had any luck making so adjustments to it such as:

1) Adjust the frequency of the transmission to any great extent (different
band?)

2) Increase the power output a great deal?

Any ideas would be appreciated!!

thanx!!

Chris

38. Almost new gear for Sale

Newsgroup: rec.ham-radio
Date: 1993-12-07 00:26:57 UTC
From: stellabo@phage.cshl.org
Message-ID: <2e0ikhINNeat@phage.cshl.org>
Source record: 3350
Cross-posted to: rec.ham-radio,rec.ham-radio.misc,rec.ham-radio.swap

Due to some major changes in my life I am forced to
sell all of my nearly new ham radio gear. All of the
equipment is less than one year old, and was purchased by
me.

Here is the list:

Kenwood TS-690 - $ 1,075.
MFJ 948 Tuner $ 75.
Astron RS-35m Power Supply $ 95.
Kantronics KPC-3 $ 65.
Alinco DJ-580 Dual Band HT $ 275.
MFJ - 1796 multi band vertical Antenna $ 100.

You can reach me by phone or e-mail.

-Fred

>| ==== Fred J. Stellabotte stellabo@cshl.org
>| ==== Computer Systems Manager
>| ==== CFI-AI-MEI HAM: N2JCD
>| ==== ____
>| ==== Cold Spring Harbor Laboratory Voice: (516)367-8420
>| ==== 1 Bungtown Road Fax: (516)367-8845
>| ==== Cold Spring Harbor, New York 11724
----

39. Spread_Spectrum

Newsgroup: rec.ham-radio
Date: 1993-12-07 19:21:13 UTC
From: keithhar@eb5ts4.EBay.Sun.COM
Message-ID: <2e2l39$34o@male.EBay.Sun.COM>
Source record: 3351
Cross-posted to: rec.ham-radio,rec.ham-radio.misc,rec.ham-radio.packet,rec.radio.amateur.packet,rec.radio.amateur.digital.misc

After my post for info on Spread Spectrum this
is a summery of the info I got. So anyone else who wants to
play with SS can.
I had many request for the info I might get, so I think it would be
nice to put it here.

Thanks to all who sent me info.

A group meet in Redwood City on the second Wednesday of the month.
contact
--
.---+--------------------------.
INTERNET: pineapp@netcom.com	Daniel Curry WB6STW
AMPRNET : dan@wb6stw.ampr.org [44.4.20.144]	E-:-) Ham Radio Operator
AX.25 : wb6stw@n0ary.#NOCAL.CA.USA.NA	Redwood City, CA USA
'---+--------------------------'

You might consider subscribing to "Spread Spectrum Scene" published
by Randy Roberts, KC6YJY. You can get hold of him at 415-726-6235.
Tell him "Steve" sent you ;-)

Steve KA6S

I'm also interested in spread spectrum applications, primarily for data
communications. One place to look for information is the ARRL Spread Spectrum
Sourcebook. It has construction projects as well as a lot of information
on the technology and capability of SS systems. It also covers the legal
aspects of SS operation.

I'm thinking of coming up with an SS data transmission scheme that would
use the entire bandwidth of an OSCAR transponder -- at a power level just
above the noise floor -- for a 56kb data link.

If either of you gets more information, add me to your list of interested
parties.

Thanks,
-- Bruce Toback
KN6MN

See Electronics World + Wireless World "Voice link over spread
spectrum radio" by James Vincent G1PVZ. This series began in Sep 93
issue describing a complete Direct Sequence system from microphone to
the antenna (435 MHz) and from the antenna to the loudspeaker.

The classical reference is "Spread Spectrum Systems" by Robert C Dixon,
ISBN 0-471-88309-3 (2nd edition 1984). This book is quite readable
compared to many other scientific books.

Paul OH3LWR

In a previous post, Marc Lombart (ranfry@CAM.ORG) wrote:
: My knowledge of Spread Spectrum is quite limited, but my
: understanding is that it would probably not be viable as a HAM node,
: seeing as it takes many times the normal bandwidth for each "channel."
: The main use of Spread Spectrum is security, not communication. At
: least, that is what I know from the little I have found on the subject.

Security depends on the algorithm you use to "spread" the signal, so
you can make it pretty public if you want to. (I think current FCC
rules limit ham useage to a few well-known algorithms.)

As far as my limited understanding goes, the main advantage is
coordination: a set of well-coordinated and efficiently-used
conventional channels are more efficient of spectrum space than spread
spectrum, but you can throw a bunch of spread-spectrum users into a
band with *no* coordination and do almost as well. It really pays off
when users start moving around or coming and going with no warning.
That makes it ideal for consumer applications, the advantages for hams
are less clear.

The ARRL publishes a book on the subject that is supposed to be a
pretty good intro.
--
Eric Williams | Vincent: MC (B+S)t G+Y 1.1 Y L++ C+ T+ I+++ H+ S++ V+ F++
wd6cmu@netcom.com | Murphy: DS W+(B+R)t+R Y 1.2 Y L C+ T- I+++ H+ A+ F+ B--
WD6CMU@WD6CMU.#NOCAL.CA.USA.NA

You might try sending calling TAPR (don't have their address handy). I
think they were experimenting with some 900MHz spread spectrum packet
stuff in Southern California... some sort of wide area high speed net,
I believe.

Ken Friberg
friberg@mtu.edu
n8pbe@w8yy.#upmi.mi.na

Hi, there are a number of ways to genarate PN codes. One way is to just
write a program that generates random numbers each between 0 and 1 (or -1 and 1)
However this does not satisfy some of the conditions that the PN seqs must meet in a
(rather) realistic environment.

So another way is to use m-sequences, which have well-defined correlation
properties. But the problem here is that you can only genarate that many
different seqs for a specific number of shift registers. In other words the
more m-seqs you want the more (hardware or) software you have to write to generate them.
Finally another way, is to use Gold sequences, which basically is a combination
of m-seqs. With this method you can generate even more PN seqs with only a few
additional lines of code. All of the above has been implemented before, and I amsure you'll

find a lot of material.

If you need more information, about books, papers (on Spread Spectrum) and even the code let me know.

regards

-stavros

>To answer Keith's question, get a copy of the ARRL _Spead Spectrum
>Sourcebook_ for the basic outlines of the various types of SS, what
>PN codes are permitted, and the types of equipment modifications needed
>to operate SS. You can convert an IC4AT to a 70 cm hopper, and there
>are plans for building PN spreaders using common off the shelf parts.
>Outfits like Qualcomm have chipsets for complete systems, but if you're
>learning and experimenting, it's probably better to build your first
>units with simple TTL blocks so you'll understand what's happening.

There are other references kicking around, and for a completely up-to-date one, see if you can track down the September and October 1993 issues of _Electronics & Wireless World_. The September issue has a very good overview of spread spectrum (concentrating on direct sequence), and the October issue has construction information on a 435 MHz direct sequence spread spectrum system. The articles were written by James Vincent, G1PVZ.

In typical spread spectrum fashion the transmitter is (relatively) simple, while the receiver is quite complicated. It uses some very interesting techniques for acquiring and keeping correlation, and does not need an external reference like some of the stuff in the ARRL spread spectrum book...

Just in case, no, I have no connection with E&WW, or with Reed Business Publishing. I have no idea who Mr. Vincent is, though I do like his style.

73 from Burnaby
laura VE7LDH

I recall seeing "the Spread Spectrum Sourcebook" as part of an ARRL literature ad in a recent QST. I am aware of at least one newsletter devoted to this, and I seem to recall that there is a recent commercially-available amateur product that is a Spread Spectrum modem/radio. Sounded neat - think the creator was in AZ, but could be wrong.

Me? I haven't seen/done spread spectrum since I was a satellite jock in the USAF back in the seventies...

Neat stuff, though.

svh

--
Steven V. Hovater (703)318-5839
Senior CASE Engineer Verdix Corporation

EMAIL: svh@verdix.com Amateur Radio: AA5YH